

# CoCoRaHS

## *Training Slide-Show*



*"Because every drop counts!"*

# What Is CoCoRaHS??

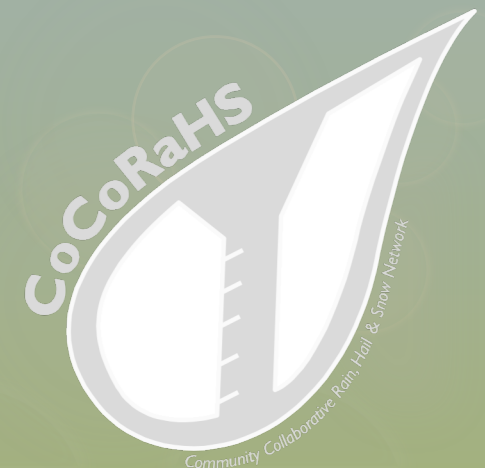
*"CoCoRaHS is a grassroots, non-profit, community-based, high-density precipitation network*



*made up of volunteers of all backgrounds and ages . . .*



*. . . who take daily measurements of "just precipitation" right in their own backyards.*





**We just measure precipitation!**



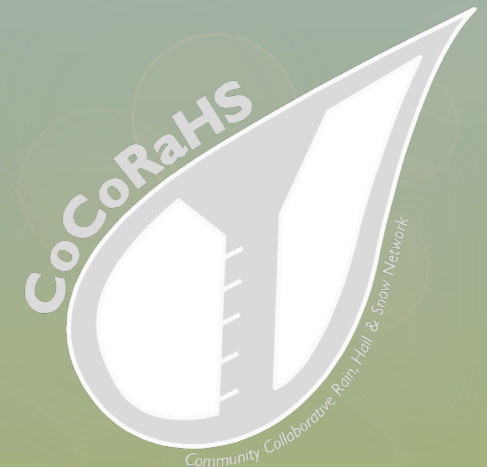
Once trained, our  
volunteers collect data  
using low-cost  
measurement tools . . .



4-inch diameter  
high capacity rain gauges




Aluminum foil-wrapped  
Styrofoam hail pads






...and report their daily observations on our interactive Website: [www.cocorahs.org](http://www.cocorahs.org)



**COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK**  
*"Because every drop counts"*

Home | States | View Data | Maps    My Account | Admin | Logout



Welcome to CoCoRaHS! "Volunteers working together to measure precipitation across the nation."

**Main Menu**

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**Resources**

- [FAQ / Help](#)
- [Education](#)
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- [Videos](#)
- [Drought Impacts](#)
- [Evapotranspiration](#)

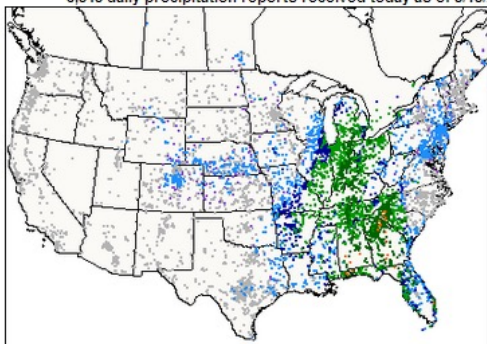
- [Volunteer Coordinators](#)
- [Hail Pad](#)
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**CoCoRaHS WxTalk Webinar Series**


8,545 daily precipitation reports received today as of 5/15/2014 8:07 PM EDT



**Daily Precipitation (inches x.xx) USA 5/15/2014**

0.0
Trace
0.00 - 0.26
0.27 - 0.52
0.53 - 1.30
1.31 - 3.11
3.12 - 4.66
4.67 - 5.17

Canada




AK

HI




PR

JOIN  
CoCoRaHS



TRAINING  
SLIDE-SHOWS

Things to  
know about...

-  **Rain**
-  **Hail**
-  **Snow**

CoCoRaHS  
WxTalk  
Webinar Series

Purchase an official CoCoRaHS 4" Rain Gauge  
 "The official CoCoRaHS Rain Gauge supplier"

**WEATHERYOURWAY**  
.COM

Fast, Friendly service  
from a meteorologist and  
fellow CoCoRaHS Observer







**Our aim is  
to provide the  
highest quality data  
for natural resource,  
education and  
research  
applications.**



# WHY CoCoRaHS ?

5

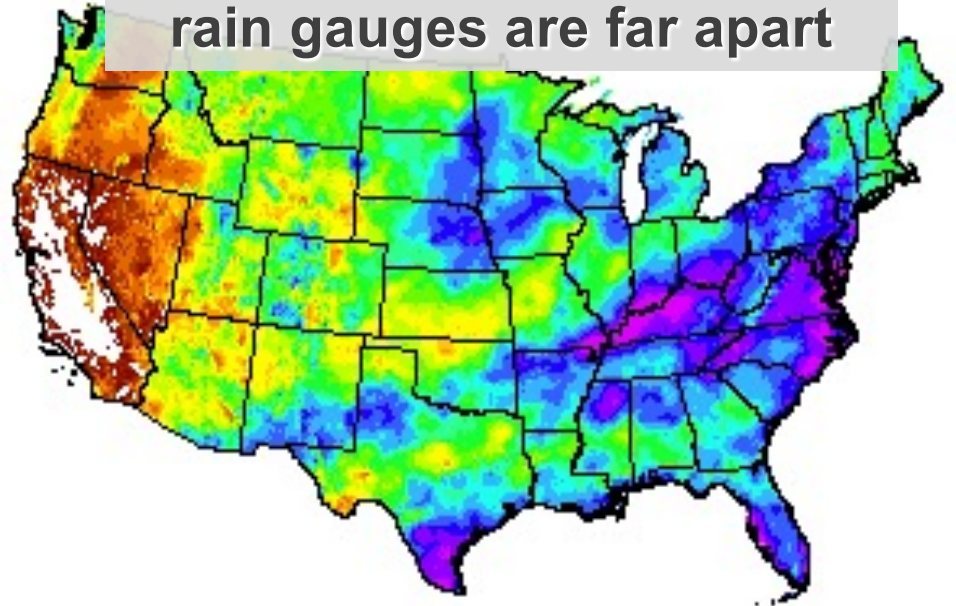
Important  
Reasons



**1) Precipitation is important and highly variable**



**2) Data sources are few and rain gauges are far apart**



**3) Measurements from many sources are not always accurate (especially snow)**



**4) There is almost no quantitative data being collected about hail**



# 5) Storm reports can save lives



## STORM TOLL

Deaths - 5 confirmed  
Injuries - 40  
Missing - 16  
Rescued - 160

Damages - Tens of millions of dollars at Colorado State University, \$1.5 million to \$2 million to city roads and bridges; \$1 million to city parks and trails; no estimate for private property.

Source: Emergency Officials  
All information as of 1 a.m. today

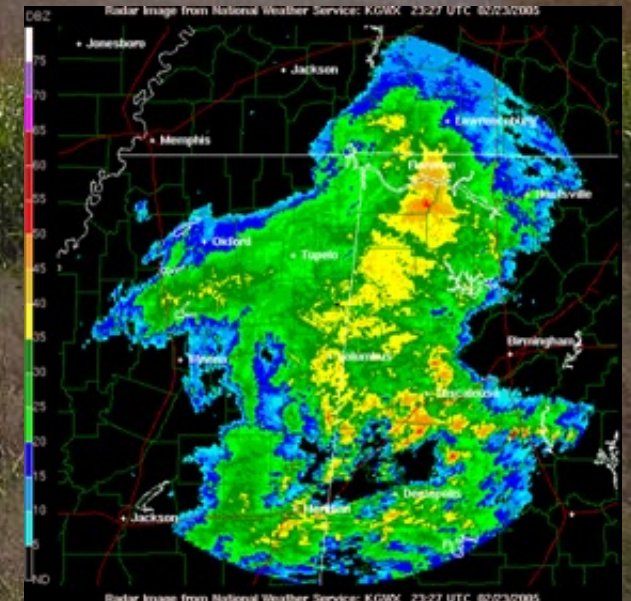
July 30th  
1997





# Who uses CoCoRaHS Data?

- National Weather Service
- Other Meteorologists
- Hydrologists
- Emergency Managers
- City Utilities
  - Water supply
  - Water conservation
  - Storm water
- Insurance adjusters
- USDA—Crop production
- Engineers
- Scientists studying storms
- Mosquito control
- Ranchers and Farmers
- Outdoor & Recreation
- Teachers and Students
  - Geoscience education tool
  - Taking measurements
  - Analyzing data
  - Organizing results
  - Conducting research
  - Helping the community





# Who Sponsors CoCoRaHS?

The National Oceanic and Atmospheric Administration

Colorado State University

USDA

US Bureau of Reclamation

National Weather Service Local Offices

Individual Contributors

As well as many others

# SECTION ONE:

## *Observer Information*

In this section we will:

- a) *Explain what we will need from you before you become an observer*
  
- b) *Explain what you will need before you can participate*





a) What **we will need from you** before you can participate as an observer:

CoCoRaHS

Community Collaborative Rain, Hail & Snow Network



**A completed application form (on-line or paper)**

**Your location, so we can produce accurate maps. Just having your address may not be good enough. We have to pinpoint it just as close as we can.**



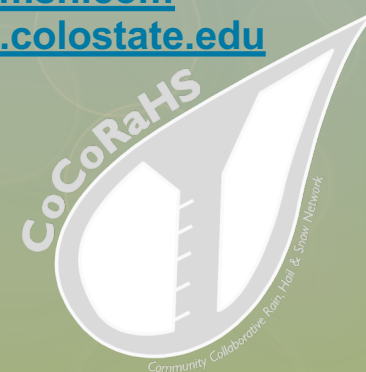
**Your commitment to collect accurate scientific data**

**Your willingness to receive CoCoRaHS emails**

(spam blocking off)



- [info@cocorahs.org](mailto:info@cocorahs.org)
- [cocorahsqc@msn.com](mailto:cocorahsqc@msn.com)
- [nolan@atmos.colostate.edu](mailto:nolan@atmos.colostate.edu)

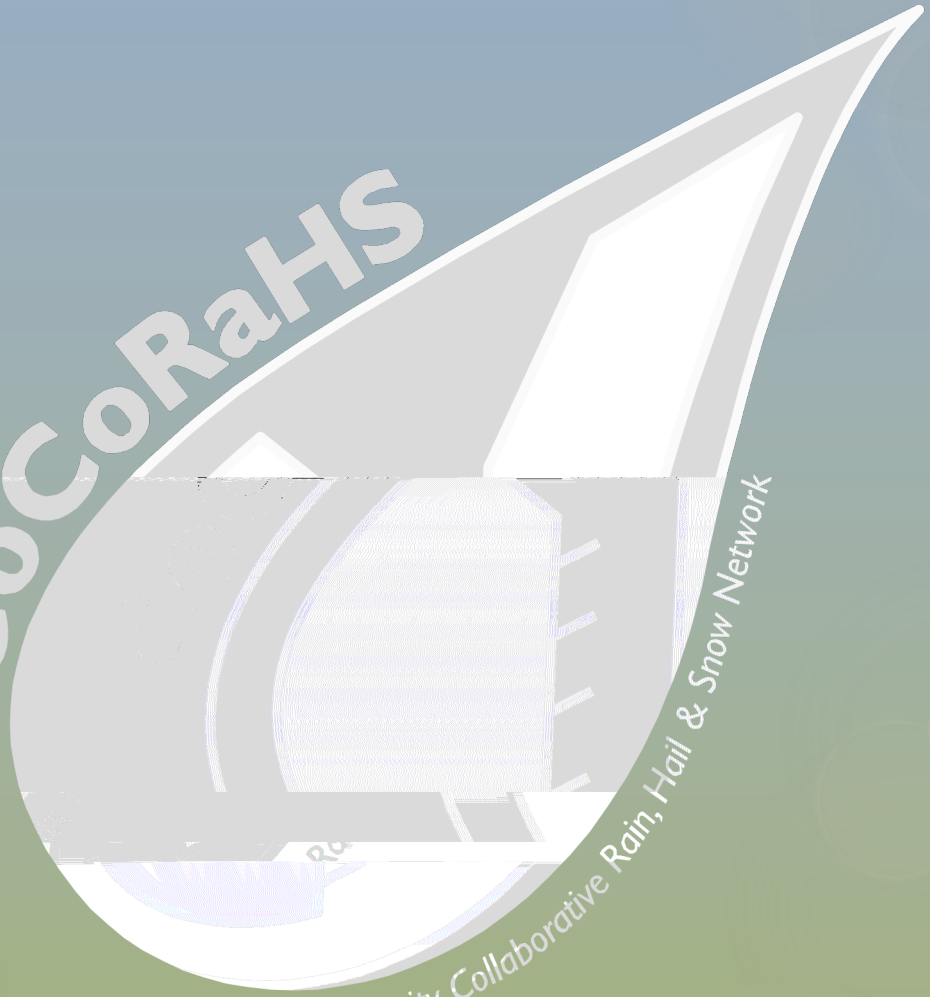




b) What you will need before you can participate as an observer

CoCoRaHS

Community Collaborative Rain, Hail & Snow Network



#1



A sincere desire to help study and learn about storms.



#2

Training  
(In person or  
on-line)



#3

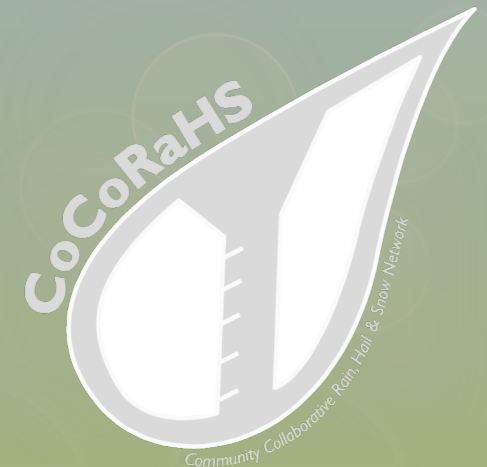
A unique station number  
and name

(we will assign you one)



Station Number : CO-LR-368

Station Name : FCL 3.4 SW





#4

A CoCoRaHS "4-inch" rain gauge installed in a good location



#5

A login ID and password to enter data

A screenshot of the CoCoRaHS website login page. The page has a blue header with the CoCoRaHS logo and the text "COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK" and the tagline "Because every drop counts". Below the header is a navigation bar with links for Home, States, View Data, Maps, My Data Entry, and Login. The main content area is titled "Login" and contains a "Log In:" section with fields for "UserName:" (containing "username") and "Password:" (containing "\*\*\*\*\*"). There is a "Save Login" checkbox and a "Log In" button. Below the login fields are two links: "Find your login info." and "Apply to be a Cocorahs observer." The left sidebar contains a "Main Menu" with links for Home, About Us, Join Cocorahs, and Contact Us, and a "Resources" section with links for FAQ/Help, Education, and Volunteer Coordinators.

#6

## Internet or telephone capabilities

The ability to gather accurate data and transmit it in a timely fashion







# a) Placement of your rain gauge



**Location! Location!  
Location!**





# Places not to place your gauge



The #1, all time worst place to put your rain gauge is to leave it in the box!



Using your gauge to hold up your gutter downspout is not a wise choice either!



**NO!**

Avoid placing it  
under trees or  
any structure



**NO!**



**NO!**

Although convenient,  
the deck is still too  
close to the house



# Also avoid placing your gauge near:



Sprinklers (both big and small)



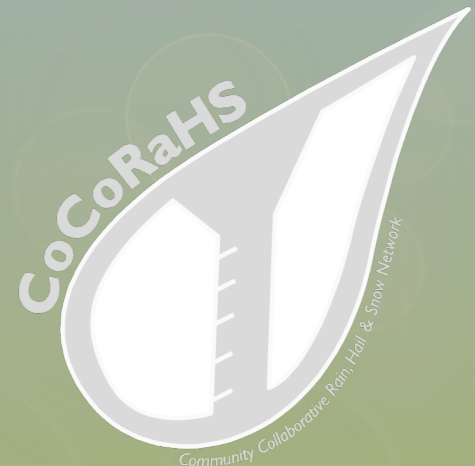
Steep slopes (a bit exaggerated)



Animals (dogs, birds, etc)



*M. Stafford, Parrots International*



# And finally avoid anything that would artificially increase or decrease your gauge catch



This can cause updrafting during strong winds, which may reduce your gauge catch

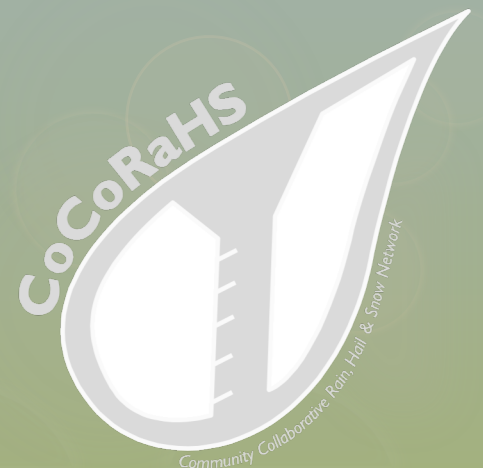


# Ideal placement of your rain gauge



# Distance from obstacles

- In open areas strive to be twice as far from obstacles as they are high.
  
- In developed areas strive to be as far from obstacles as they are high.





# Distance between Trees



**Ideally, place your gauge equidistant from the nearest trees**

# Height above the ground

In open areas place the gauge top approx. 2 feet off the ground

**This is to improve gauge catch by reducing wind speed**



In developed areas place the gauge top approx. 5 feet off the ground

**This is to improve gauge catch by reducing the impact of nearby obstacles**





# LEVEL and BEVEL

**Make sure your gauge is level**



Bevel the top of the post to reduce rain splashing into the gauge.

# b) Measuring Rainfall





# When should we read our gauges?



Photo by Henry Reges

**7:00AM is preferred.**

**Between 5:00AM and 9:00AM is OK**

**Other times are accepted, but they will not appear on CoCoRaHS Maps**

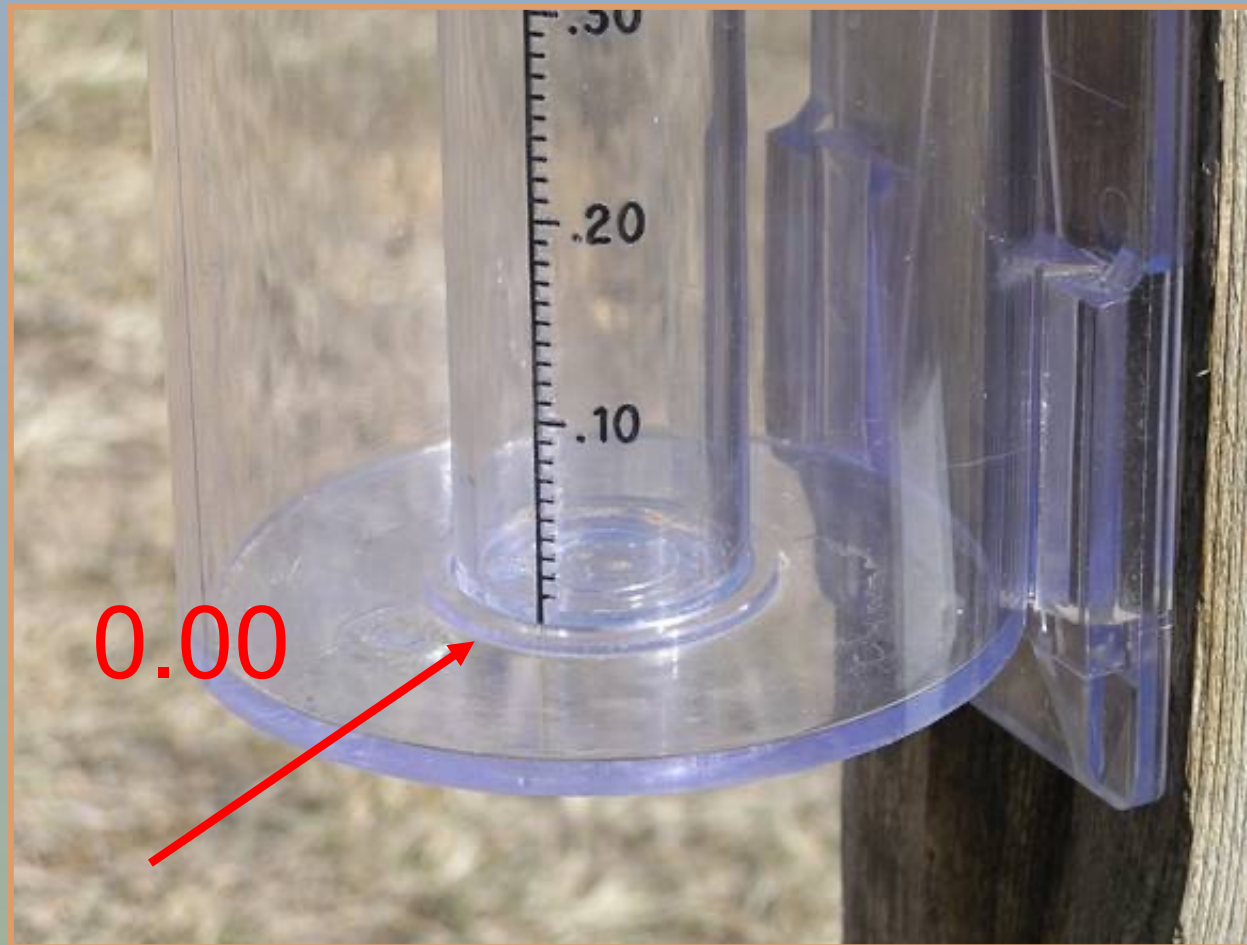
# Reading your rain gauge

- Reading the rain gauge is easy but accuracy & consistency are important.
- Here are the most common situations you may encounter when reading your gauge.





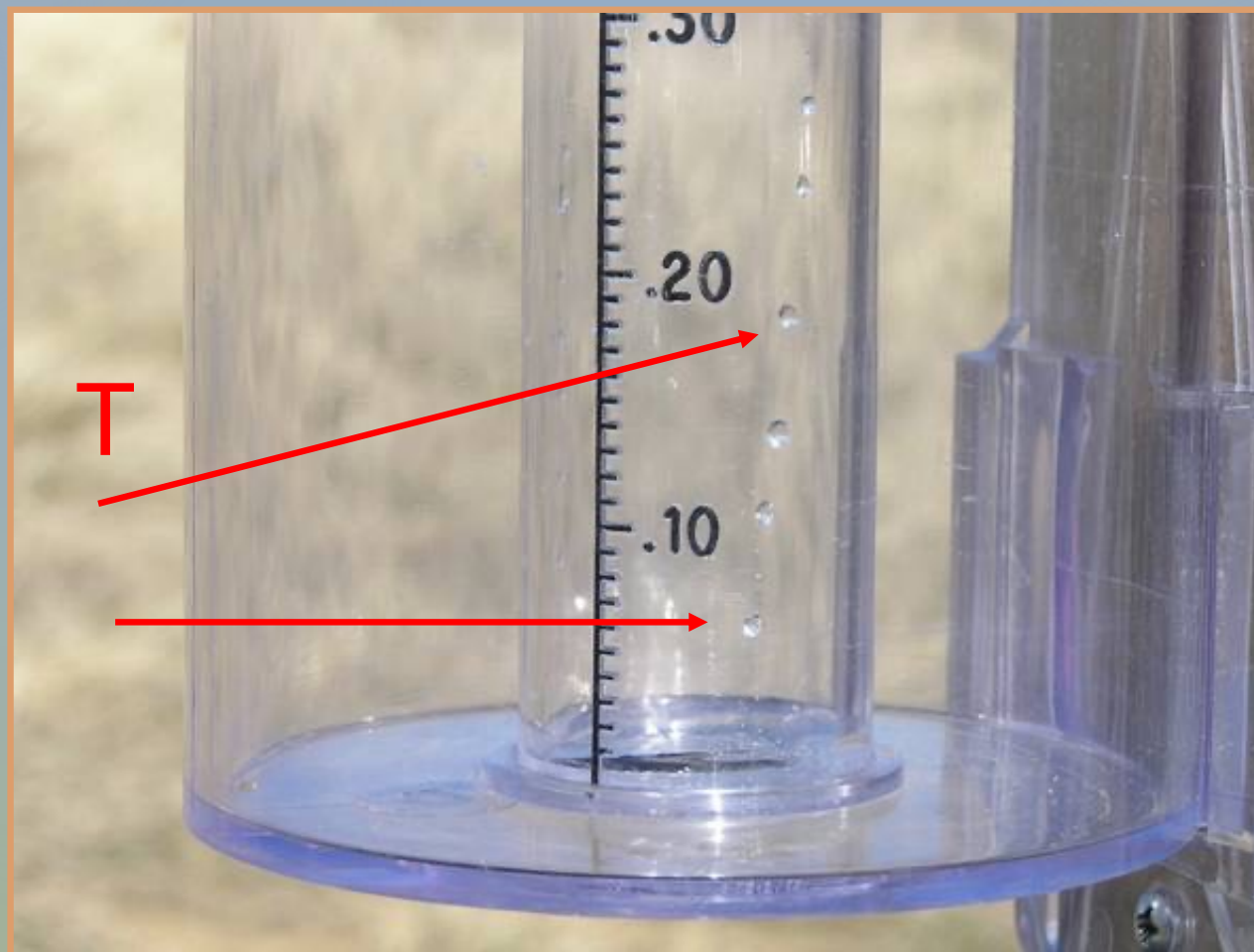
# Your most common observation



... will be zero, (0.00), nada,  
nothing, zilch!

It is important to know that it did NOT rain. Please report zeros!

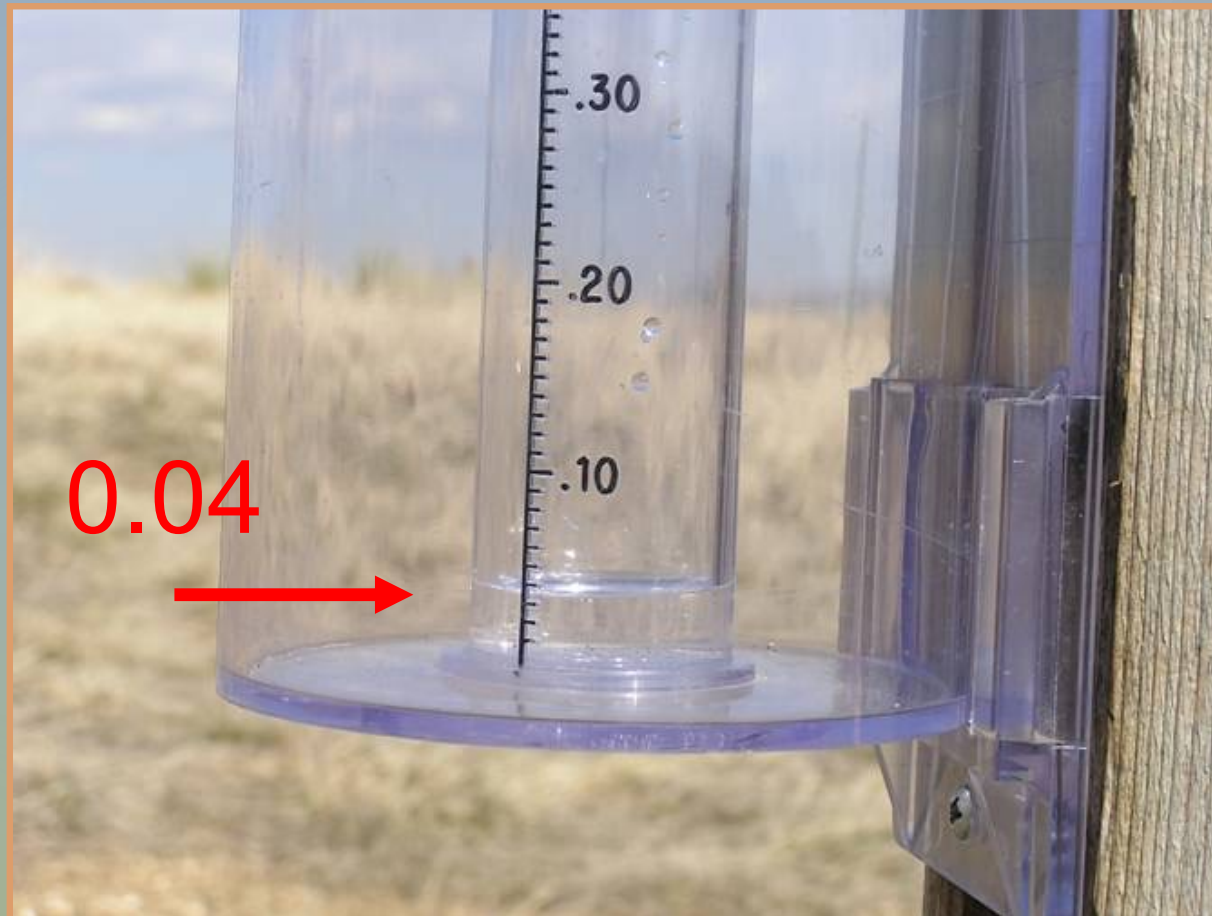
# Trace "T"



**When only a drop or two wet the Gauge, record a "T" for Trace**



# Between "T" and "one tenth" of an inch



That's 0.04 or four hundredths

# The surface of the water in the gauge looks curved. How do I know where to read?

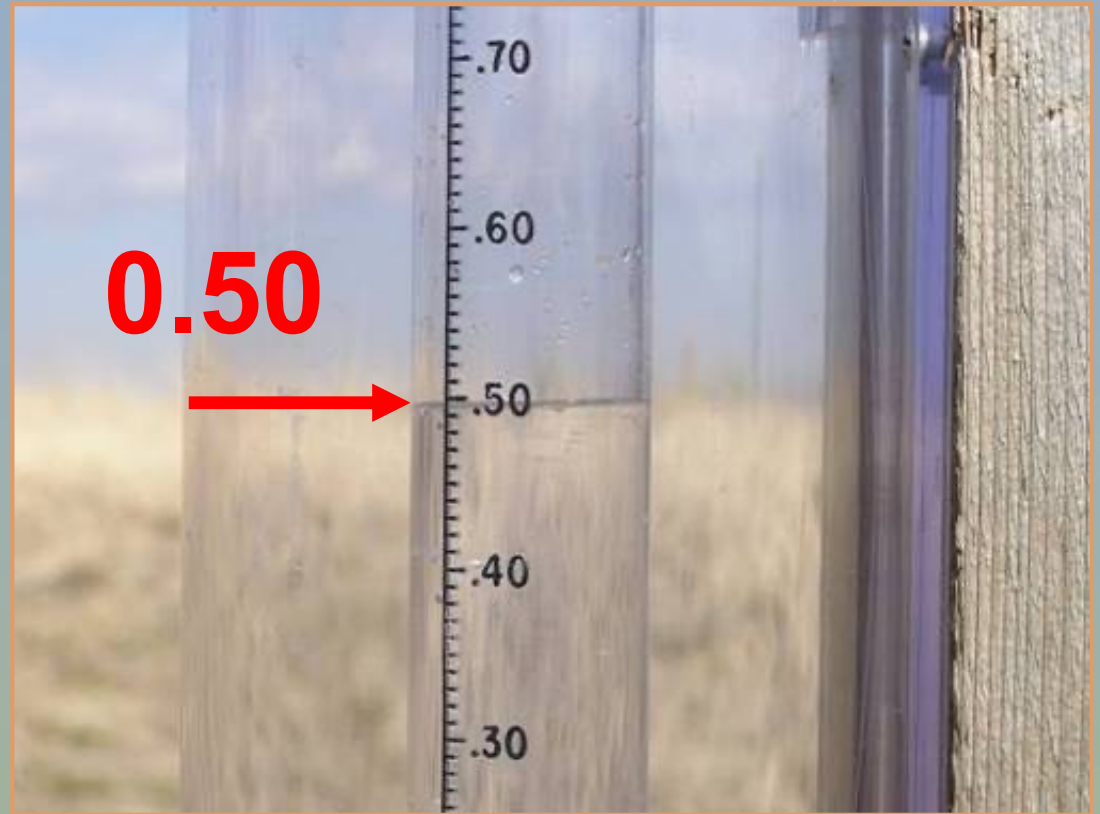
As water fills up the measuring tube, a curved surface is formed called a **meniscus**. This meniscus is formed by the surface tension of a liquid in contact with the sides of the tube.

Always read the **bottom of the meniscus**, when making your daily rain measurements.



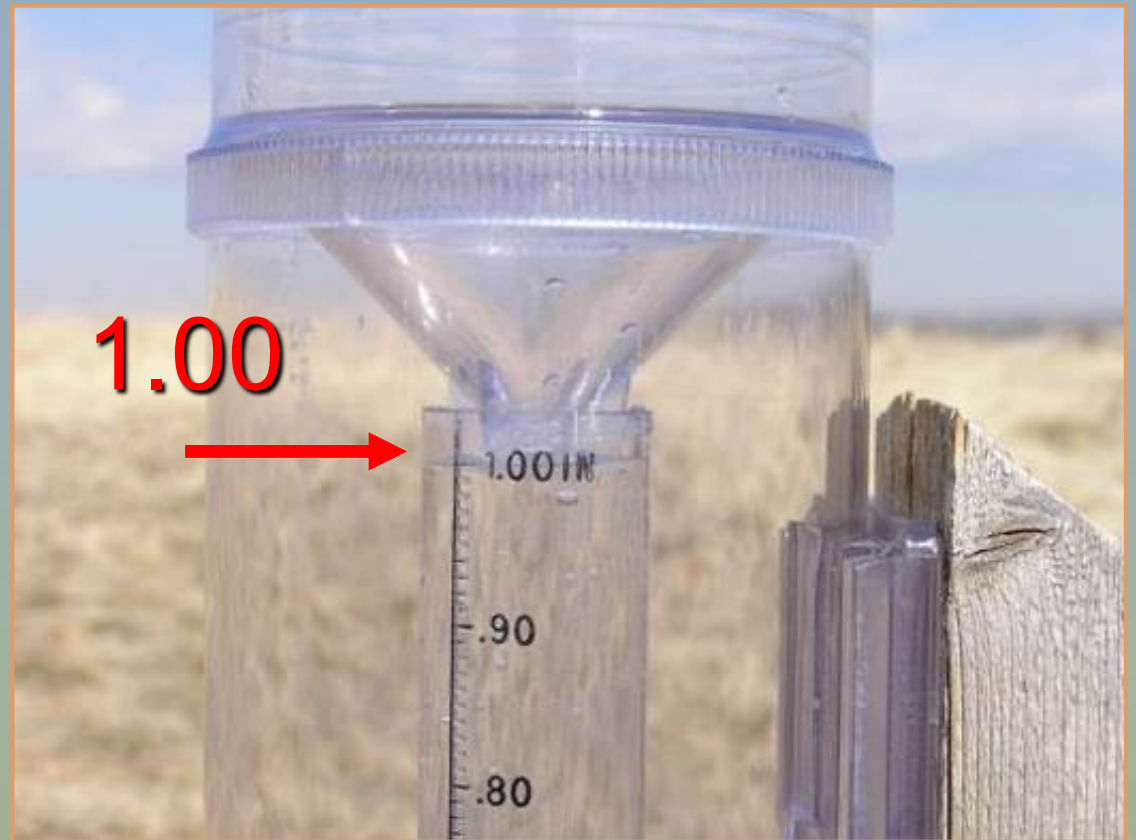


# A nice soaking rain



This is "one half" inch.  
It's NOT 5.0, nor 0.05, but 0.50  
(kind of like 50 cents out of a dollar)

# A good rain



**The inner tube holds 1.00 inch**



# DECIMALS

Getting the decimal point correct  
is ESSENTIAL

*0.40"*

There is a large water difference  
between 0.40 inches and 4.00 inches

# Water! Water! Everywhere!



When more than an inch of rain falls, the water will overflow into the outer cylinder. The whole gauge has a capacity to hold 11 inches.



# To measure greater than one inch . . .



**1) Pour out the first inch from the inner tube and write it down.**



**2) Now pour the remaining water into the funnel & measure using the inner tube.**



**Continue until all of the water has been measured. Make sure you keep track of your amounts along the way.**



**Then add up all of your measurements  
1.00 inch + 0.97 inches +  
0.88 inches + 0.92 inches =  
3.77 inches**

**Total = 3.77"**



## ○ SECTION THREE:

### ○ *Reporting Observations*

In this section we will:

- a) Introduce you to the Web-site
- b) Show you how to record your observations



# The CoCoRaHS Web site

## [www.cocorahs.org](http://www.cocorahs.org)

**CoCoRaHS** COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
*"Because every drop counts"*

Home | States | View Data | Maps | My Account | Admin | Logout

Welcome to CoCoRaHS! "Volunteers working together to measure precipitation across the nation."

**Main Menu**

- Home
- About Us
- Join CoCoRaHS
- Contact Us
- Donate

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- Evapotranspiration
- Volunteer Coordinators
- Hail Pad
- Distribution/Drop-off
- Help Needed
- Printable Forms
- The Catch
- Message of the Day
- Data Analysis
- CoCoRaHS Blog
- Web Groups
- State Newsletters
- Master Gardener Guide
- State Climate Series
- WxTalk Webinars
- Sponsors
- Links
- CoCoRaHS Store

**CoCoRaHS WxTalk Webinar Series**

8,545 daily precipitation reports received today as of 5/15/2014 8:07 PM EDT

Daily Precipitation (inches x.xx)  
USA  
5/15/2014

Trace
0.00 - 0.26
0.27 - 0.52
0.53 - 1.30
1.31 - 3.11
3.12 - 4.66
4.67 - 5.17

**JOIN CoCoRaHS**

**TRAINING SLIDE-SHOWS**

**Things to know about...**

- Rain
- Hail
- Snow

**CoCoRaHS WxTalk Webinar Series**

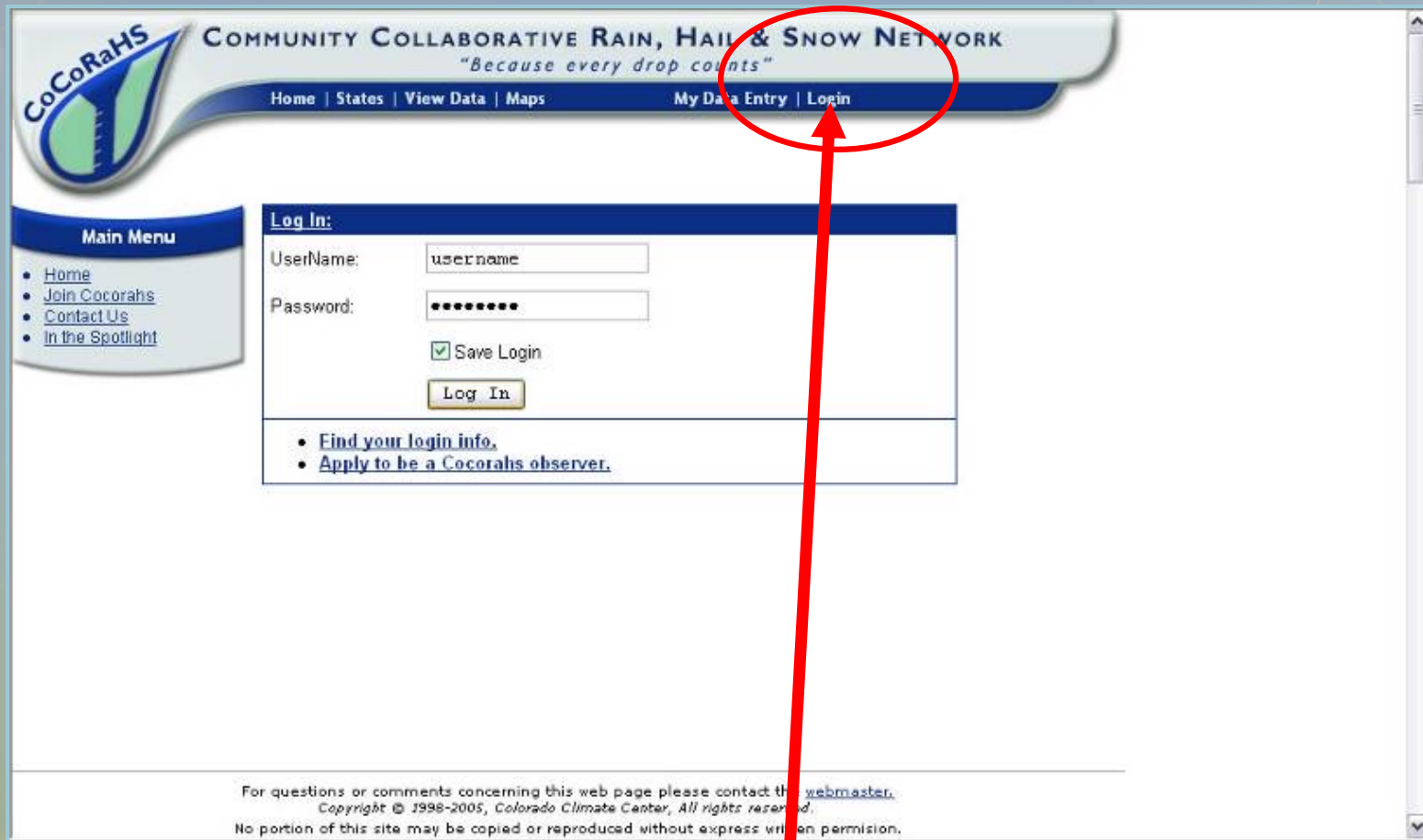
Purchase an official CoCoRaHS 4" Rain Gauge  
 "The official CoCoRaHS Rain Gauge supplier"  
**WEATHERYOURWAY.COM**  
 Fast, Friendly service from a meteorologist and fellow CoCoRaHS Observer

**NOAA**

Our Web site is informative and easy to use. Here's how to begin →



# 5 Login to CoCoRaHS



CoCoRaHS COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
"Because every drop counts"

Home | States | View Data | Maps | My Data Entry | **Login**

**Main Menu**

- [Home](#)
- [Join Cocorahs](#)
- [Contact Us](#)
- [In the Spotlight](#)

**Log In:**

UserName:

Password:

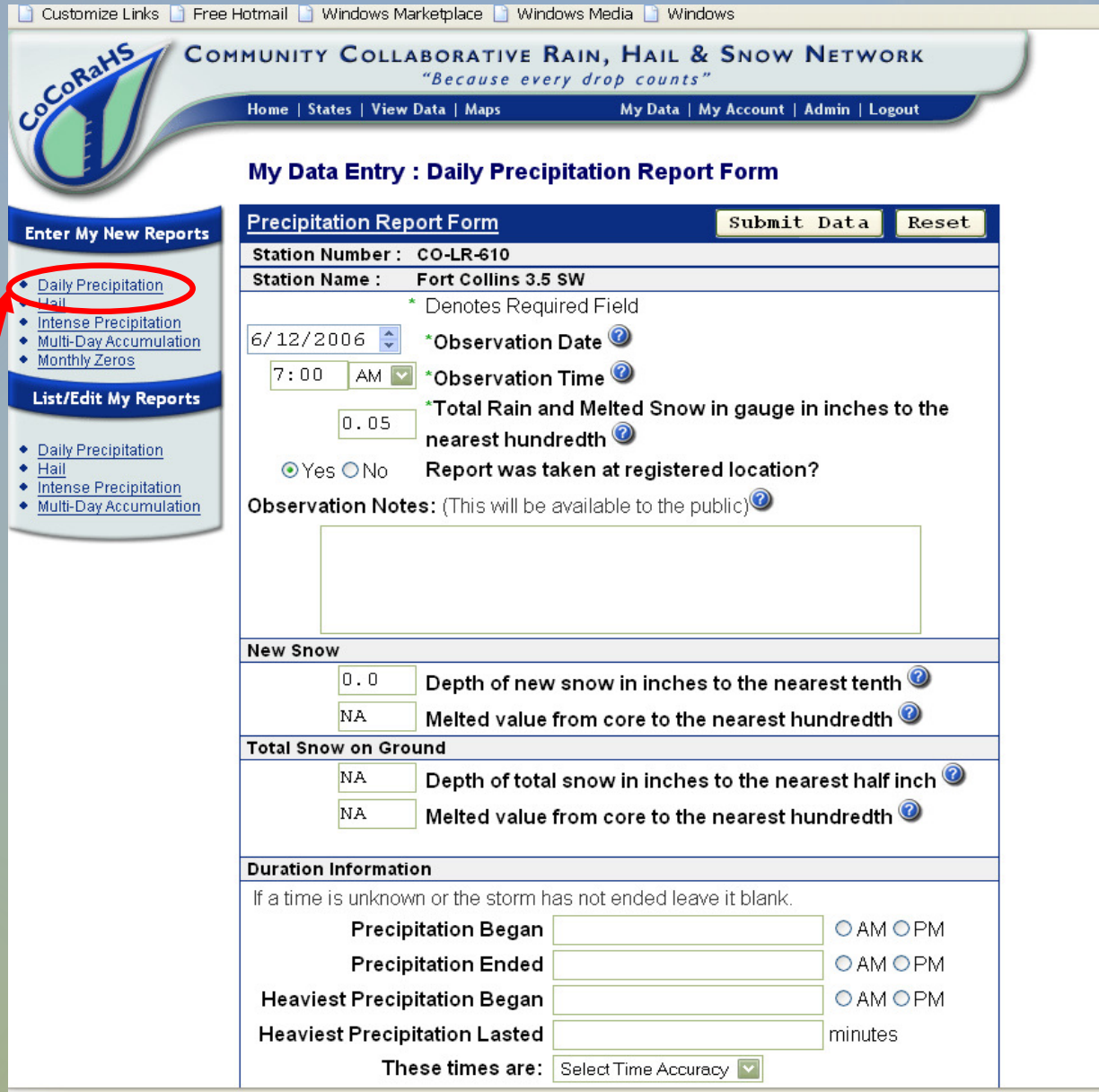
Save Login

- [Find your login info.](#)
- [Apply to be a Cocorahs observer.](#)

For questions or comments concerning this web page please contact the [webmaster](#).  
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First, Click to Login

# Recording your Daily Precipitation



Customize Links Free Hotmail Windows Marketplace Windows Media Windows

**CoCoRaHS** COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
"Because every drop counts"

Home | States | View Data | Maps My Data | My Account | Admin | Logout

### My Data Entry : Daily Precipitation Report Form

**Enter My New Reports**

- Daily Precipitation**
- Hail
- Intense Precipitation
- Multi-Day Accumulation
- Monthly Zeros

**List/Edit My Reports**

- Daily Precipitation
- Hail
- Intense Precipitation
- Multi-Day Accumulation

**Precipitation Report Form**

**Station Number :** CO-LR-610  
**Station Name :** Fort Collins 3.5 SW

\* Denotes Required Field

**\* Observation Date** 6/12/2006  
**\* Observation Time** 7:00 AM  
**\* Total Rain and Melted Snow in gauge in inches to the nearest hundredth** 0.05

Yes  No **Report was taken at registered location?**

**Observation Notes:** (This will be available to the public)

**New Snow**

**Depth of new snow in inches to the nearest tenth**  
 **Melted value from core to the nearest hundredth**

**Total Snow on Ground**

**Depth of total snow in inches to the nearest half inch**  
 **Melted value from core to the nearest hundredth**

**Duration Information**

If a time is unknown or the storm has not ended leave it blank.

**Precipitation Began**   AM  PM  
**Precipitation Ended**   AM  PM  
**Heaviest Precipitation Began**   AM  PM  
**Heaviest Precipitation Lasted**  minutes

**These times are:**

After you login, the screen will automatically take you to the Daily Precip. Report



# Enter Your Report

Customize Links | Free Hotmail | Windows Marketplace | Windows Media | Windows

**CoCoRaHS** COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
"Because every drop counts"

Home | States | View Data | Maps | My Data | My Account | Admin | Logout

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6/12/2006 \*Observation Date  
7:00 AM \*Observation Time  
0.05 \*Total Rain and Melted Snow in gauge in inches to the nearest hundredth  
 Yes  No Report was taken at registered location?

Observation Notes: (This will be available to the public)

**New Snow**  
0.0 Depth of new snow in inches to the nearest tenth  
NA Melted value from core to the nearest hundredth

**Total Snow on Ground**  
NA Depth of total snow in inches to the nearest half inch  
NA Melted value from core to the nearest hundredth

**Duration Information**  
If a time is unknown or the storm has not ended leave it blank.  
Precipitation Began  AM  PM  
Precipitation Ended  AM  PM  
Heaviest Precipitation Began  AM  PM  
Heaviest Precipitation Lasted  minutes  
These times are: Select Time Accuracy

Record your measurement in hundredths (0.00)

Here you will enter the total precipitation measured in your gauge

# Recording Comments

Customize Links Free Hotmail Windows Marketplace Windows Media Windows

**CoCoRaHS** COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
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Home | States | View Data | Maps My Data | My Account | Admin | Logout

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**Precipitation Report Form**

Station Number : CO-LR-610

Station Name : Fort Collins 3.5 SW

\* Denotes Required Field

6/12/2006 \*Observation Date ?

7:00 AM \*Observation Time ?

0.05 \*Total Rain and Melted Snow in gauge in inches to the nearest hundredth ?

Yes  No Report was taken at registered location?

**Observation Notes:** (This will be available to the public) ?

Brief, but intense thunderstorm at 8PM last night. Several branches broken on tree due to gusty winds.

**New Snow**

0.0 Depth of new snow in inches to the nearest tenth ?

NA Melted value from core to the nearest hundredth ?

**Total Snow on Ground**

NA Depth of total snow in inches to the nearest half inch ?

NA Melted value from core to the nearest hundredth ?

**Duration Information**

If a time is unknown or the storm has not ended leave it blank.

Precipitation Began  AM  PM

Precipitation Ended  AM  PM

Heaviest Precipitation Began  AM  PM

Heaviest Precipitation Lasted  minutes

These times are:  Select Time Accuracy ?

Feel free to enter comments about the day's weather under "Notes"



# Submit your Report

Customize Links Free Hotmail Windows Marketplace Windows Media Windows

**CoCoRaHS** COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
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Home | States | View Data | Maps My Data | My Account | Admin | Logout

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**Precipitation Report Form**

Station Number : CO-LR-610  
Station Name : Fort Collins 3.5 SW

\*Observation Date ?  
 AM  \*Observation Time ?  
 \*Total Rain and Melted Snow in gauge in inches to the nearest hundredth ?  
 Yes  No Report was taken at registered location?  
Observation Notes: (This will be available to the public) ?

**New Snow**

Depth of new snow in inches to the nearest tenth ?  
 Melted value from core to the nearest hundredth ?

**Total Snow on Ground**

Depth of total snow in inches to the nearest half inch ?  
 Melted value from core to the nearest hundredth ?

**Duration Information**

If a time is unknown or the storm has not ended leave it blank.

Precipitation Began  AM  PM  
Precipitation Ended  AM  PM  
Heaviest Precipitation Began  AM  PM  
Heaviest Precipitation Lasted  minutes  
These times are:

Click "Submit" and your data is recorded on our site

# To See Your Report on the Map

**CoCoRaHS** COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
"Because every drop counts"

Home | States | View Data | Maps | My Data | My Account | Admin | Logout

### Colorado

**Daily Precipitation (inches x.xx) Colorado 6/12/2006**

0.0
Trace
0.00 - 0.22
0.22 - 0.44
0.44 - 0.67
0.67 - 0.89
0.89 - 1.11
1.11 - 1.33

[View Large Map](#)

From the urban communities of Denver to the farms of Baca County, from the four corners area near Cortez to the high peaks of Rocky Mountain National Park, the CoCoRaHS Network currently engages of over 1,500 volunteers to measure rain, hail and snow throughout the state.

The Community Collaborative Rain, Hail and Snow Network was founded in 1998 in northern Colorado. A huge flash flood, resulting from a highly

**State Menu**

- Colorado Home
- State Coordinators
- Maps

**Colorado Reports**

- Daily Precip
- Hail Reports
- Intense Precip
- Multi-Day Precip

**View All Reports**

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- Stations

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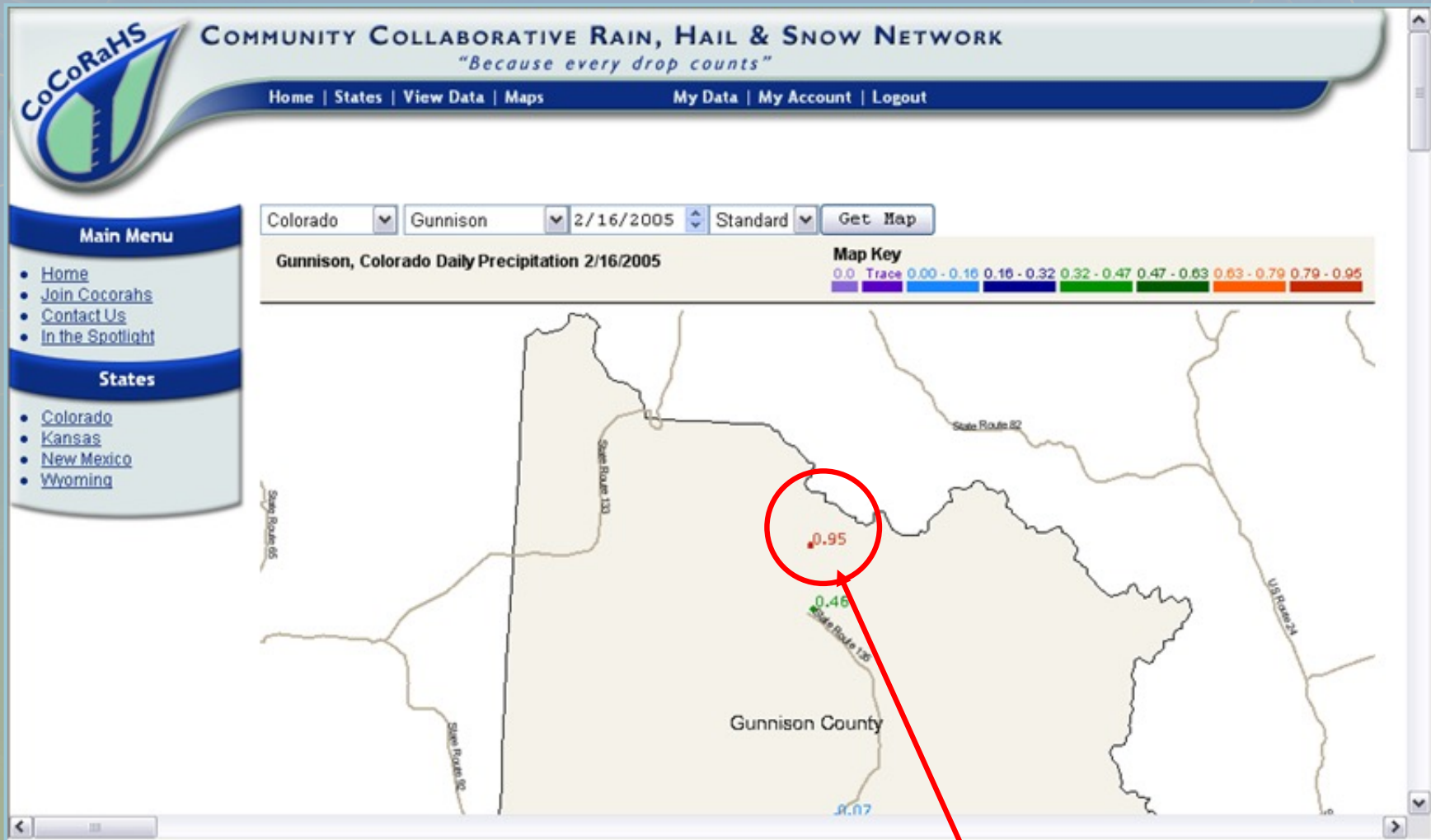
[Volunteer Coordinators](#)

[Hail Exp](#)

Go to your state page and then click on your county




# Your Report on our Daily Map



The amount of precipitation you entered shows up at your location on the map


# Your state's Page

Each CoCoRaHS State has it's own page



COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
"Because every drop counts"

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 **Puerto Rico**

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- [Maps](#)

### Puerto Rico Reports

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- [Multi-Day Precip](#)
- [Hail Reports](#)
- [Significant Weather](#)

### View All Reports

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- [Daily Comments](#)
- [Multi Day Precip](#)
- [Hail Reports](#)
- [Significant Weather](#)
- [Rainy Days](#)
- [Stations](#)

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- [Volunteer Coordinators](#)
- [Hail Pad](#)
- [Distribution/Drop-off](#)
- [Help Needed](#)


### Daily Precipitation (inches x.xx)

Puerto Rico  
5/15/2014



0.00 - 0.01  
0.01 - 0.02  
0.02 - 0.03  
0.03 - 0.04  
0.04 - 0.05  
0.05 - 0.06

[View Large Map](#)



## Welcome to Puerto Rico CoCoRaHS!

The "Isla Del Encanto" is delighted to be participating in the growing CoCoRaHS network. Puerto Rico (PR) CoCoRaHS observers provide important information about rainfall that is used by meteorologists, hydrologists, farmers, water resource managers, and your friends and neighbors. This effort in Puerto Rico is especially important given the great variation in rainfall with 170 to 175 inches of rain on an annual average at Sierra de Luquillo and El Yunque to only 25 inches of rain on an annual average in the most arid areas of Southern Puerto Rico. Eventually, this program will be also expanded to the U.S. Virgin Islands! For more information on the PR or USVI CoCoRaHS chapters, please contact one of the commonwealth coordinators.

**What are the benefits of being a CoCoRaHS observer?** By participating in the CoCoRaHS network you will make an important contribution that helps others, especially during flood situations. By providing your daily rainfall data, you will also assist in filling in a piece of the climate puzzle that affects the Caribbean area.



# **Other Reports**

- Hail Report
- Intense Precipitation Report
- Monthly Zeros
- Multi-Day Precipitation Report
- Daily Precipitation Report

# Intense Precipitation Report

**CoCoRaHS** COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
"Because every drop counts"

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### My Data Entry : Intense Precipitation Report Form

**Intense Precipitation Report** [Submit Data](#) [Reset](#)

Station Number : CO-LR-610  
Station Name : Fort Collins 3.5 SW

6/13/2006 \* Denotes Required Field  
\* Observation Date  
AM \* Observation Time  
Total Precipitation since rain began (in inches)  
(X.XX) inches of rain has fallen in the past  
Minutes

Yes  No Report was taken at registered location?

Was There Flooding?  
 No  
If Yes, how severe?  
 Minor (typical). Street or field flooding.  
 Unusual street or field flooding (only see this every few years)  
 Severe Flooding  
 Extreme (never seen it this bad before)

Observation Notes (This will be available to the public)

[Submit Data](#) [Reset](#)

Click here to access the Intense Precipitation Report



# Monthly Zeros



COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK

*"Because every drop counts"*

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## Data Entry : Monthly Zeros Form

### Enter New Reports

- ◆ [Daily Precipitation](#)
- ◆ [Hail](#)
- ◆ [Intense Precipitation](#)
- ◆ [Multi-Day Accumulation](#)
- ◆ [Monthly Zeros](#)

### PA FROST Reports

- ◆ [Optics](#)
- ◆ [Frost](#)
- ◆ [Snowflake](#)
- ◆ [Thunder](#)

### List/Edit Reports

- ◆ [Daily Precipitation](#)
- ◆ [Hail](#)
- ◆ [Hail by Station](#)
- ◆ [Intense Precipitation](#)
- ◆ [Multi-Day Accumulation](#)

<u>Monthly Zeros</u> <input type="button" value="Submit"/> <input type="button" value="Reset"/>								
Station Number : CO-LR-133			Station Name : WEL 8 SW					
June 2006								
≤	Sun	Mon	Tue	Wed	Thu	Fri	Sat	≥
28		29	30	31	1	2	3	
					<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	
4		5	6	7	8	9	10	
<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	
11		12	13	14	15	16	17	
<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip	<input type="checkbox"/> 0.0 Precip					
18		19	20	21	22	23	24	
25		26	27	28	29	30	1	
2		3	4	5	6	7	8	

You can go back in and enter days of zero precipitation on one "simple to use" page

# Multi-Day Precipitation

**CoCoRaHS** COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
*"Because every drop counts"*

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### My Data Entry : Multi-Day Precipitation Report Form

**Multiple Day Accumulation Form**

Station Number : CO-LR-610  
Station Name : Fort Collins 3.5 SW

6/1/2006 First day of accumulation period. This day should be one day after your last report.

6/7/2006 Date the rain gauge was emptied.

8:45 AM Time the rain gauge was emptied.

Yes  No Report was taken at registered location?

0.75 Multi Day Precipitation (in inches)  
Total Depth of Snow on Ground (in inches)  
Core Precipitation (in inches)

Notes

**Enter My New Reports**

- Daily Precipitation
- Hail
- Intense Precipitation
- Multi-Day Accumulation
- Monthly Zeros

**List/Edit My Reports**


- Daily Precipitation
- Hail
- Intense Precipitation
- Multi-Day Accumulation

"I was away for a week and read the accumulation in my gauge when I returned."

You can even enter information after you've been away for several days



# Daily Precipitation Reports



**COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK**  
*"Because every drop counts"*

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**View Data : List Daily Precipitation Reports**

**Search Daily Precipitation Reports**

Station Fields:   Station Number  Station Name

Location: Colorado  ALL COUNTIES

Date Range:

Start Date: 6/12/2006  End Date: 6/12/2006

Precip Value: All Precip Values  Operator

**Search**

Searched: Stations in Colorado. Report date on 6/12/2006.

Showing 1 - 50 of 498 Records. [<Back](#) Page 1 [Next>](#)

Date	Time	Station Number	Station Name	Total Precip In	New Snow In	Total Snow In	State	County	View
6/12/2006	7:04 AM	CO-WE-265	Keenesburg 4.6 E	1.33	0.0	NA	CO	Weld	<a href="#">↗</a>
6/12/2006	7:00 AM	CO-EP-12	Colorado Springs 18.7 N	1.20	0.0	0.0	CO	El Paso	<a href="#">↗</a>
6/12/2006	7:00 AM	CO-LA-44	Engleville 7.9 E	1.20	0.0	NA	CO	Las Animas	<a href="#">↗</a>
6/12/2006	7:00 AM	CO-EL-9	Kiowa 14 ENE	1.13	0.0	NA	CO	Elbert	<a href="#">↗</a>
6/12/2006	7:00 AM	CO-PH-27	Holyoke 16 SSW	1.06	0.0	NA	CO	Phillips	<a href="#">↗</a>
6/12/2006	7:00 AM	CO-WA-54	Lindon 10.9 NNW	0.92	0.0	NA	CO	Washington	<a href="#">↗</a>
6/12/2006	7:00 AM	CO-PH-14	Holyoke 5.9 SW	0.85	0.0	NA	CO	Phillips	<a href="#">↗</a>
6/12/2006	7:15 AM	CO-WA-19	Otis 5.0 NW	0.85	0.0	NA	CO	Washington	<a href="#">↗</a>
6/12/2006	6:15 AM	CO-EL-2	Agate 8.6 SE	0.82	0.0	NA	CO	Elbert	<a href="#">↗</a>
6/12/2006	7:00 AM	CO-WA-55	Woodrow 4.6 SE	0.75	0.0	NA	CO	Washington	<a href="#">↗</a>
6/12/2006	8:00 AM	CO-LN-38	Limon 0.9 SSW	0.75	0.0	NA	CO	Lincoln	<a href="#">↗</a>
6/12/2006	6:35 AM	CO-PH-33	Holyoke 13 SE	0.73	0.0	NA	CO	Phillips	<a href="#">↗</a>
6/12/2006	7:00 AM	CO-EP-17	Monument 2.1 ENE	0.68	0.0	0.0	CO	El Paso	<a href="#">↗</a>
6/12/2006	8:00 AM	CO-WE-275	Hudson 1.8 SE	0.68	0.0	NA	CO	Weld	<a href="#">↗</a>
6/12/2006	7:00 AM	CO-LN-37	Limon 0.3 NW	0.66	0.0	NA	CO	Lincoln	<a href="#">↗</a>
6/12/2006	7:00 AM	CO-PH-19	Holyoke 4 SW	0.64	0.0	NA	CO	Phillips	<a href="#">↗</a>

View Data

- ◆ [Daily Precip Reports](#)
- ◆ [Daily Comments Reports](#)
- ◆ [Intense Precip Reports](#)
- ◆ [Multiple Day Reports](#)
  
- ◆ [Days with Hail](#)
- ◆ [Search Hail Reports](#)
- ◆ [Station Hail Reports](#)
  
- ◆ [Station Precip Summary](#)
- ◆ [Station Snow Summary](#)
- ◆ [Rainy Days Report](#)
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PA FROST Data

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## ○ SECTION FOUR:

### ○ *Frequently Asked Questions*

In this section we will try to answer common questions asked by observers.







***Do I have to be home everyday to participate in CoCoRaHS?***

Answer: No. Report when you are able. If you are gone, you may leave your gauge outside and report a multi-day total when you return.

***What if I don't have a good place to put my gauge?***

Answer: Few people have ideal locations. Do your best. Send site photos if possible to help interpret results.





***What if it hails when I'm not at home?***

Answer: We still would like your hail pad. Report as much info as you can find out from friends and neighbors.

***Do I report morning dew that has collected in my rain gauge?***

Answer: No. Dew is not precipitation, but you may note the dew in the comments.



A photograph of a lush tropical garden. In the center, a tall palm tree stands prominently. To its left, a large, dense tree with broad green leaves dominates the foreground. A winding path or stream flows through the garden, bordered by rocks and more greenery. In the background, a building with a white facade and a balcony is visible. The overall scene is vibrant and verdant.

***How long is my commitment to CoCoRaHS?***

**Answer:** Ideally, at least one season, but the longer you contribute, the more valuable the data become.



# Thanks for joining us today!

You can find out more about the CoCoRaHS Network by visiting our web site or speaking with your local coordinator:

[www.cocorahs.org](http://www.cocorahs.org)







*Just 5 minutes a day!*

*It's easy and fun!*

# We're Cuckoo For CoCoRaHS!

[www.cocorahs.org](http://www.cocorahs.org)